| FORM F   | 2TO-139     | 90 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   | ATTORNEY'S DOCKET NUMBER                   |  |  |  |  |  |  |  |  |
|--|-------------|---|--|--|--|--|--|--|--|--|--|
| (KEv   |             | RANSMITTAL LETTER TO THE UNITED STATES  | 257262US0PCT                               |  |  |  |  |  |  |  |  |
|  | a.          | DESIGNATED/ELECTED OFFICE (DO/EO/US)  | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR |  |  |  |  |  |  |  |  |
|  | ٠           | CONCERNING A FILING UNDER 35 U.S.C. 371   | 10/505264                                  |  |  |  |  |  |  |  |  |
| INTER  |             | TIONAL APPLICATION NO. INTERNATIONAL FILING DATE  | PRIORITY DATE CLAIMED                      |  |  |  |  |  |  |  |  |
| TITE   |             | PCT/JP03/01793 19 February 2003   | 21 February 2002                           |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION HIGHLY FLOWABLE 1-BUTENE POLYMER AND PROCESS FOR PRODUCING THE SAME |             |   |  |  |  |  |  |  |  |  |  |
| APPL   | ICAN'       | T(S) FOR DO/EO/US   |  |  |  |  |  |  |  |  |  |
| Yutaka MINAMI, et al.  |             |   |  |  |  |  |  |  |  |  |  |
|  |             |   |  |  |  |  |  |  |  |  |  |
| Appli  | cant h      | herewith submits to the United States Designated/Elected Office (DO/EO/US) the  | he following items and other information:  |  |  |  |  |  |  |  |  |
| 1.   | $\boxtimes$ | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371   |  |  |  |  |  |  |  |  |  |
| 2.   |             | This is a SECOND or SUBSEQUENT submission of items concerning a filing  | _  |  |  |  |  |  |  |  |  |
| 3.   | Ø           | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. |  |  |  |  |  |  |  |  |  |
| 4.   | $\boxtimes$ | The US has been elected by the expiration of 19 months from the priority date   | (Article 31).                              |  |  |  |  |  |  |  |  |
| 5.   | $\boxtimes$ | A copy of the International Application as filed (35 U.S.C. 371 (c) (2))  |  |  |  |  |  |  |  |  |  |
|  |             | a. $\square$ is attached hereto (required only if not communicated by the Interna   | itional Bureau).                           |  |  |  |  |  |  |  |  |
|  |             | b. 🛮 has been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |
|  |             | c. $\square$ is not required, as the application was filed in the United States Rece  |  |  |  |  |  |  |  |  |  |
| 6.   | $\boxtimes$ | An English language translation of the International Application as filed (35 U   | J.S.C. 371(c)(2)).                         |  |  |  |  |  |  |  |  |
|  |             | a. 🛛 is attached hereto.  |  |  |  |  |  |  |  |  |  |
|  |             | b. has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 7.   | $\boxtimes$ | Amendments to the claims of the International Application under PCT Article   |  |  |  |  |  |  |  |  |  |
|  |             | a.   are attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |  |  |  |
| ı  |             | b.  have been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |
| ı  |             | c. $\square$ have not been made; however, the time limit for making such amend  | ments has NOT expired.                     |  |  |  |  |  |  |  |  |
|  |             | d. 🛮 have not been made and will not be made.   |  |  |  |  |  |  |  |  |  |
| 8.   |             | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |  |  |  |
| 9.   |             | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |  |  |  |
| 10.  |             | An English language translation of the annexes to the International Preliminar Article 36 (35 U.S.C. 371 (c)(5)).   | y Examination Report under PCT             |  |  |  |  |  |  |  |  |
| 11.  |             | A copy of the International Preliminary Examination Report (PCT/IPEA/409).  | ·  |  |  |  |  |  |  |  |  |
| 12.  |             | A copy of the International Search Report (PCT/ISA/210).  | ·  |  |  |  |  |  |  |  |  |
| Ite  | ems 1       | 3 to 20 below concern document(s) or information included:  |  |  |  |  |  |  |  |  |  |
| 13.  | $\boxtimes$ | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |  |  |  |  |  |  |  |  |
| 14.  |             | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |  |  |  |
| 15.  |             | A FIRST preliminary amendment.  |  |  |  |  |  |  |  |  |  |
| 16.  |             | A SECOND or SUBSEQUENT preliminary amendment.   |  |  |  |  |  |  |  |  |  |
| 17.  |             | A substitute specification.   |  |  |  |  |  |  |  |  |  |
| 18.  |             | A change of power of attorney and/or address letter.  |  |  |  |  |  |  |  |  |  |
| 19.  |             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.   |  |  |  |  |  |  |  |  |  |
| 20.  |             | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 21.  | _           | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 22.  |             | Express Mail Label No.  |  |  |  |  |  |  |  |  |  |
| 23.  |             | Other items or information:   |  |  |  |  |  |  |  |  |  |
|  |             | Application Data Sheet/Notice of Priority/PCT/IB/304/PCT/IB/308/PTO-1   | 1449/Cited References (7)                  |  |  |  |  |  |  |  |  |

| U.S. APPLICATION  | 0/505264  | PCT/JP03/01793  |            |        |             | 257262US0PCT |                       |  |  |  |  |
|---|---|---|------------|--------|-------------|--------------|-----------------------|--|--|--|--|
| 24. The fo  | llowing fees are submitted:.  |   |            |        |             | CAI          | CULATIONS             | PTO USE ONLY                                 |  |  |  |
|   | AL FEE (37 CFR 1.492 (a) (1) - (  |   |            |        |             |              |                       |  |  |  |  |
| internationa  | ernational preliminary examination<br>al search fee (37 CFR 1.445(a)(2))<br>tional Search Report not prepared | \$1080.00   |            |        |             |              |                       |  |  |  |  |
| ☑ Internationa USPTO but  | al preliminary examination fee (37<br>International Search Report prep  |   |            |        |             |              |                       |  |  |  |  |
| but internat  | al preliminary examination fee (37 ional search fee (37 CFR 1.445(a)  |   |            |        |             |              |                       |  |  |  |  |
| International but all clain   | al preliminary examination fee (37 ns did not satisfy provisions of PC  |   |            |        |             |              |                       |  |  |  |  |
| ☐ Internationa<br>and all clair   | al preliminary examination fee (37 ms satisfied provisions of PCT Are   |   |            |        |             |              |                       |  |  |  |  |
|   | ENTER APPROPRI  |   | \$920.00   |        |             |              |                       |  |  |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20 🛮 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |   |   |            |        |             |              | \$130.00              |  |  |  |  |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA  |            |        | RATE        |              |                       |  |  |  |  |
| Total claims  | 15 - 20 =   | 0   |            | х      | \$18.00     |              | \$0.00                |  |  |  |  |
| Independent claims  | 3 - 3 =   | - 3 = 0   |            |        | \$86.00     |              | \$0.00                | <u>.                                    </u> |  |  |  |
| Multiple Dependen   | t Claims (check if applicable).   |   |            |        |             |              | \$290.00              |  |  |  |  |
|   |   | ABOVE CALCUI  |            |        | <u> </u>    | -            | \$1,340.00            | ··   |  |  |  |
| ☐ Applicant claireduced by 1/2  | ims small entity status. See 37 CF  |   |            | \$0.00 |             |              |                       |  |  |  |  |
|   |   | S   | UBT        | COT    | TAL =       |              | \$1,340.00            |  |  |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than  |   |   |            |        |             |              | \$0.00                |  |  |  |  |
| _   | ·   | TOTAL NATIO   | NAL        | FE     | <b>EE</b> = |              | \$1,340.00            |  |  |  |  |
| Fee for the ding the accompany by an  | he enclosed assignment (37 CFR 1 appropriate cover sheet (37 CFR  |   |            | \$0.00 |             |              |                       |  |  |  |  |
| 7   |   |   | \$1,340.00 |        |             |              |                       |  |  |  |  |
|   |   |   | ·          |        |             | Amo          | unt to be:<br>efunded | \$   |  |  |  |
|   |   |   |            |        |             | _            | charged               | \$   |  |  |  |
| a.  | heck in the amount of   | to cover the abov   | e fees     | is en  | iclosed.    |              |                       |  |  |  |  |
| b. 🗌 Plea   | ase charge my Deposit Account N   | o in th   | ne amo     | unt c  | of          |              | to cover th           | e above fees.                                |  |  |  |
|   |   |   |            |        |             |              |                       |  |  |  |  |
| d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |   |   |            |        |             |              |                       |  |  |  |  |
| NOTE: Where an  | appropriate time limit under 37   | 7 CFR 1.494 or 1.495 has  | not be     | en n   |             |              |                       |  |  |  |  |
| 1.137(a) or (b)) mi   | ust be filed and granted to restor  | e the application to pend   | ing sta    | itus.  | 1           |              | - 11                  | , , ,  |  |  |  |
| SEND ALL CORR   | ESPONDENCE TO:  |   |            |        |             | ln           | Vaul C                | mbach  |  |  |  |
| ·   |   | Norman F. Oblon  NAME Corwin P. Umbach, Ph.D.  24,618 Registration No. 40,211  REGISTRATION NUMBER  August 20, 2004  DATE |            |        |             |              |                       |  |  |  |  |